

**Report of
Endangered, Threatened, and Special Concern
Plants, Animals, and Natural Communities
for Edmonson County, Kentucky**

**Kentucky State Nature Preserves
Commission
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Kentucky State Nature Preserves Commission

Key for County List Report

Within a county, elements are arranged first by taxonomic complexity (plants first, natural communities last), and second by scientific name. A key to status, ranks, and count data fields follows.

STATUS

KSNPC: Kentucky State Nature Preserves Commission status:

N or blank = none E = endangered T = threatened S = special concern H = historic X = extirpated

USESA: U.S. Fish and Wildlife Service status:

blank = none C = candidate LT = listed as threatened LE = listed as endangered

SOMC = Species of Management Concern

RANKS

GRANK: Estimate of element abundance on a global scale:

G1 = Critically imperiled

GU = Unrankable

G2 = Imperiled

G#? = Inexact rank (e.g. G2?)

G3 = Vulnerable

G#Q = Questionable taxonomy

G4 = Apparently secure

G#T# = Intraspecific taxa (Subspecies and variety abundances are coded with a 'T' suffix; the 'G' portion of the rank then refers to the entire species)

G5 = Secure

GH = Historic, possibly extinct

GNR = Unranked

GX = Presumed extinct

GNA = Not applicable

SRANK: Estimate of element abundance in Kentucky:

S1 = Critically imperiled

SU = Unrankable

Migratory species may have separate ranks for different population segments (e.g. S1B, S2N, S4M):

S2 = Imperiled

S#? = Inexact rank (e.g. G2?)

S3 = Vulnerable

S#Q = Questionable taxonomy

S#B = Rank of breeding population

S4 = Apparently secure

S#T# = Intraspecific taxa

S#N = Rank of non-breeding population

S5 = Secure

SNR = Unranked

S#M = Rank of transient population

SH = Historic, possibly extirpated

SNA = Not applicable

SX = Presumed extirpated

COUNT DATA FIELDS

OF OCCURRENCES: Number of occurrences of a particular element from a county. Column headings are as follows:

E - currently reported from the county

H - reported from the county but not seen for at least 20 years

F - reported from county & cannot be relocated but for which further inventory is needed

X - known to have extirpated from the county

U - reported from a county but cannot be mapped to a quadrangle or exact location.

The data from which the county report is generated is continually updated. The date on which the report was created is in the report footer. Contact KSNPC for a current copy of the report.

Please note that the quantity and quality of data collected by the Kentucky Natural Heritage Program are dependent on the research and observations of many individuals and organizations. In most cases, this information is not the result of comprehensive or site-specific field surveys; many natural areas in Kentucky have never been thoroughly surveyed, and new species of plants and animals are still being discovered. For these reasons, the Kentucky Natural Heritage Program cannot provide a definitive statement on the presence, absence, or condition of biological elements in any part of Kentucky. Heritage reports summarize the existing information known to the Kentucky Natural Heritage Program at the time of the request regarding the biological elements or locations in question. They should never be regarded as final statements on the elements or areas being considered, nor should they be substituted for on-site surveys required for environmental assessments.

KSNPC appreciates the submission of any endangered species data for Kentucky from field observations. For information on data reporting or other data services provided by KSNPC, please contact the Data Manager at:

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Edmonson	Vascular Plants	<i>Aureolaria patula</i>	Spreading False Foxglove	S /	G3 / S3	8	0	0	0	0
Edmonson	Vascular Plants	<i>Carex decomposita</i>	Epiphytic Sedge	T /	G3 / S2	2	0	0	0	0
Edmonson	Vascular Plants	<i>Dodecatheon frenchii</i>	French's Shooting Star	S /	G3 / S3	2	1	0	0	0
Edmonson	Vascular Plants	<i>Gentiana puberulenta</i>	Prairie Gentian	E /	G4G5 / S1	0	1	0	0	0
Edmonson	Vascular Plants	<i>Helianthemum bicknellii</i>	Plains Frostweed	E /	G5 / S1S2	0	0	0	1	0
Edmonson	Vascular Plants	<i>Helianthus eggertii</i>	Eggert's Sunflower	T /	G3 / S2	4	0	0	1	0
Edmonson	Vascular Plants	<i>Heteranthera limosa</i>	Blue Mud-plantain	S /	G5 / S2S3	1	0	0	0	0
Edmonson	Vascular Plants	<i>Krigia occidentalis</i>	Western Dwarf Dandelion	E /	G5 / S1?	1	0	0	0	0
Edmonson	Vascular Plants	<i>Lespedeza stuevei</i>	Tall Bush-clover	S /	G4? / S3?	1	0	0	0	0
Edmonson	Vascular Plants	<i>Ludwigia hirtella</i>	Hairy Ludwigia	E /	G5 / S1	0	1	0	0	0
Edmonson	Vascular Plants	<i>Polygala cruciata</i>	Crossleaf Milkwort	E /	G5 / S1	0	1	0	0	0
Edmonson	Vascular Plants	<i>Potamogeton pulcher</i>	Spotted Pondweed	T /	G5 / S1S2	1	0	0	0	0
Edmonson	Vascular Plants	<i>Pseudognaphalium helleri</i> ssp. <i>micradenium</i>	Small Rabbit-tobacco	H /	G4G5T3? / SH	0	1	0	0	0
Edmonson	Vascular Plants	<i>Sagittaria graminea</i>	Grassleaf Arrowhead	T /	G5 / S1S2	1	0	0	0	0
Edmonson	Vascular Plants	<i>Sagittaria rigida</i>	Sessile-fruited Arrowhead	E /	G5 / S1	1	0	0	0	0
Edmonson	Vascular Plants	<i>Scleria ciliata</i>	Fringed Nutrush	E /	G5 / S2	1	0	0	0	0
Edmonson	Vascular Plants	<i>Symphyotrichum pratense</i>	Barrens Silky Aster	S /	G4? / S3	2	0	0	0	0
Edmonson	Vascular Plants	<i>Trifolium reflexum</i>	Buffalo Clover	E /	G3G4 / S1S2	2	0	1	0	0
Edmonson	Vascular Plants	<i>Veratrum woodii</i>	Wood's Bunchflower	T /	G5 / S2	1	0	0	0	0
Edmonson	Vascular Plants	<i>Verbena canadensis</i>	Rose Mock-verbain	H /	G5 / SH	0	1	0	0	0
Edmonson	Vascular Plants	<i>Viola septemloba</i> var. <i>egglestonii</i>	Eggleston's Violet	S /	G4 / S3	0	0	1	0	0
Edmonson	Aquatic Snails	<i>Antroselates spiralis</i>	Shaggy Cavesnail	S /	G3 / S2	9	0	2	0	0
Edmonson	Terrestrial Snails	<i>Helicodiscus punctatellus</i>	Punctate Coil	S /	G1 / S1	1	0	0	0	0
Edmonson	Terrestrial Snails	<i>Paravitrea lapilla</i>	Gem Supercoil	T /	G2 / S1	0	2	0	0	0
Edmonson	Freshwater Mussels	<i>Alasmidonta marginata</i>	Elktoe	T / SOMC	G4 / S2	0	1	0	0	0
Edmonson	Freshwater Mussels	<i>Cumberlandia monodonta</i>	Spectaclecase	E / C	G3 / S1	7	0	9	0	0
Edmonson	Freshwater Mussels	<i>Cyprogenia stegaria</i>	Fanshell	E / LE	G1Q / S1	19	0	2	0	0

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Edmonson	Freshwater Mussels	<i>Epioblasma torulosa rangiana</i>	Northern Riffleshell	E / LE	G2T2 / S1	1	1	7	0	0
Edmonson	Freshwater Mussels	<i>Epioblasma triquetra</i>	Snuffbox	E / SOMC	G3 / S1	3	0	5	0	0
Edmonson	Freshwater Mussels	<i>Fusconaia subrotunda</i>	Longsolid	S /	G3 / S3	14	0	1	0	0
Edmonson	Freshwater Mussels	<i>Hemistena lata</i>	Cracking Pearlymussel	X / LE	G1 / SX	0	0	0	1	0
Edmonson	Freshwater Mussels	<i>Lampsilis ovata</i>	Pocketbook	E /	G5 / S1	11	0	1	0	0
Edmonson	Freshwater Mussels	<i>Obovaria retusa</i>	Ring Pink	E / LE	G1 / S1	1	1	2	0	0
Edmonson	Freshwater Mussels	<i>Plethobasus cyphus</i>	Sheepnose	E / C	G3 / S1	14	1	1	0	0
Edmonson	Freshwater Mussels	<i>Pleurobema clava</i>	Clubshell	E / LE	G2 / S1	1	4	3	0	0
Edmonson	Freshwater Mussels	<i>Pleurobema plenum</i>	Rough Pigtoe	E / LE	G1 / S1	4	1	2	0	0
Edmonson	Freshwater Mussels	<i>Pleurobema rubrum</i>	Pyramid Pigtoe	E / SOMC	G2G3 / S1	6	1	2	0	0
Edmonson	Freshwater Mussels	<i>Quadrula cylindrica cylindrica</i>	Rabbitsfoot	T / SOMC	G3G4T3 / S2	1	1	2	0	0
Edmonson	Freshwater Mussels	<i>Villosa lienosa</i>	Little Spectaclecase	S /	G5 / S3S4	0	1	1	0	0
Edmonson	Freshwater Mussels	<i>Villosa ortmanni</i>	Kentucky Creekshell	T / SOMC	G2 / S2	3	2	1	0	0
Edmonson	Crustaceans	<i>Barbicambarus cornutus</i>	Bottlebrush Crayfish	S /	G4 / S2	0	1	0	0	0
Edmonson	Crustaceans	<i>Orconectes pellucidus</i>	Mammoth Cave Crayfish	S / SOMC	G4 / S3	11	9	0	0	0
Edmonson	Crustaceans	<i>Palaemonias ganteri</i>	Mammoth Cave Shrimp	E / LE	G1 / S1	6	0	0	0	0
Edmonson	Crustaceans	<i>Sagittocythere stygia</i>	An Ectocommusal Ostracod	T /	G1 / S1	0	1	0	0	0
Edmonson	Crustaceans	<i>Stygobromus vitreus</i>	An Amphipod	S /	G4 / S1	2	0	0	0	0
Edmonson	Insects	<i>Arrhopalites altus</i>	A Cave Obligate Springtail	T /	G2G3 / S2S3	0	1	0	0	0
Edmonson	Insects	<i>Batrissodes henroti</i>	A Cave Obligate Beetle	T /	G2G3 / S2S3	0	2	0	0	0
Edmonson	Insects	<i>Celithemis verna</i>	Double-ringed Pennant	H /	G5 / SH	0	1	0	0	0
Edmonson	Insects	<i>Lytrosis permagnaria</i>	A Geometrid Moth	E / SOMC	G3G4 / S1	0	1	0	0	0
Edmonson	Insects	<i>Nannothemis bella</i>	Elfin Skimmer	E /	G4 / S1S2	1	0	0	0	0
Edmonson	Insects	<i>Pseudanophthalmus audax</i>	Bold Cave Beetle	T / SOMC	G1G2 / S1	0	1	0	0	0
Edmonson	Insects	<i>Pseudanophthalmus inexpectatus</i>	Surprising Cave Beetle	T /	G1G2 / S1S2	1	3	0	0	0

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Edmonson	Insects	<i>Pseudosinella espanita</i>	A Cave Obligate Springtail	S /	G1 / S1S2	0	2	0	0	0
Edmonson	Insects	<i>Stylurus notatus</i>	Elusive Clubtail	E / SOMC	G3 / S1	0	0	0	0	1
Edmonson	Other Invertebrates	<i>Belba bulbipedata</i>	A Cave Obligate Mite	T /	G1 / S1	0	1	0	0	0
Edmonson	Other Invertebrates	<i>Galumna alata</i>	A Cave Obligate Mite	T /	G1G2 / S1S2	0	1	0	0	0
Edmonson	Other Invertebrates	<i>Kleptochthonius cerberus</i>	A Cave Obligate Pseudoscorpion	S /	G1 / S1S2	0	1	0	0	0
Edmonson	Other Invertebrates	<i>Kleptochthonius hageni</i>	A Cave Obligate Pseudoscorpion	S /	G1G2 / S1S2	0	2	0	0	0
Edmonson	Other Invertebrates	<i>Macrocheles troglodytes</i>	A Cave Obligate Mite	T /	G1G2 / S1S2	0	1	0	0	0
Edmonson	Other Invertebrates	<i>Scoterpes copei</i>	A Cave Obligate Milliped	T /	G1 / S1	0	1	0	0	0
Edmonson	Other Invertebrates	<i>Sphalloplana buchanani</i>	A Cave Obligate Planarian	T /	G1G2 / S1S2	0	1	0	0	0
Edmonson	Other Invertebrates	<i>Tyrannochthonius hypogeus</i>	A Cave Obligate Pseudoscorpion	S /	G1 / S1S2	0	1	0	0	0
Edmonson	Fishes	<i>Amblyopsis spelaea</i>	Northern Cavefish	S / SOMC	G4 / S3	7	2	0	0	0
Edmonson	Fishes	<i>Ammocrypta clara</i>	Western Sand Darter	E / SOMC	G3 / S1	1	0	0	0	0
Edmonson	Fishes	<i>Etheostoma maculatum</i>	Spotted Darter	T / SOMC	G2 / S2	4	1	0	0	0
Edmonson	Fishes	<i>Noturus exilis</i>	Slender Madtom	E /	G5 / S1	0	0	0	1	0
Edmonson	Fishes	<i>Phenacobius uranops</i>	Stargazing Minnow	S /	G4 / S2S3	2	0	0	0	0
Edmonson	Fishes	<i>Typhlichthys subterraneus</i>	Southern Cavefish	S / SOMC	G3G4 / S2S3	7	4	0	0	0
Edmonson	Amphibians	<i>Cryptobranchus alleganiensis alleganiensis</i>	Eastern Hellbender	S / SOMC	G3G4T3T4 / S3	0	2	0	0	0
Edmonson	Reptiles	<i>Elaphe guttata</i>	Corn Snake	S /	G5 / S3	6	4	0	0	1
Edmonson	Reptiles	<i>Eumeces anthracinus</i>	Coal Skink	T /	G5 / S2	1	2	0	0	0
Edmonson	Reptiles	<i>Eumeces inexpectatus</i>	Southeastern Five-lined Skink	S /	G5 / S3	1	2	0	0	0
Edmonson	Reptiles	<i>Lampropeltis triangulum elapsoides</i>	Scarlet Kingsnake	S /	G5T5 / S3	0	1	0	0	0
Edmonson	Reptiles	<i>Ophisaurus attenuatus longicaudus</i>	Eastern Slender Glass Lizard	T /	G5T5 / S2	2	1	0	0	0
Edmonson	Reptiles	<i>Pituophis melanoleucus melanoleucus</i>	Northern Pine Snake	T / SOMC	G4T4 / S2	1	1	0	0	0
Edmonson	Breeding Birds	<i>Aimophila aestivalis</i>	Bachman's Sparrow	E / SOMC	G3 / S1B	0	0	0	2	0
Edmonson	Breeding Birds	<i>Ammodramus henslowii</i>	Henslow's Sparrow	S / SOMC	G4 / S3B	1	0	0	0	0
Edmonson	Breeding Birds	<i>Cistothorus platensis</i>	Sedge Wren	S /	G5 / S3B	0	1	0	0	0

Data current as of February 2009

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Edmonson	Breeding Birds	<i>Picoides borealis</i>	Red-cockaded Woodpecker	X / LE	G3 / SX	0	0	0	1	0
Edmonson	Breeding Birds	<i>Thryomanes bewickii</i>	Bewick's Wren	S / SOMC	G5 / S3B	1	0	0	0	0
Edmonson	Mammals	<i>Corynorhinus rafinesquii</i>	Rafinesque's Big-eared Bat	S / SOMC	G3G4 / S3	28	2	0	1	0
Edmonson	Mammals	<i>Myotis austroriparius</i>	Southeastern Myotis	E / SOMC	G3G4 / S1S2	2	0	1	0	0
Edmonson	Mammals	<i>Myotis grisescens</i>	Gray Myotis	T / LE	G3 / S2	8	3	0	1	0
Edmonson	Mammals	<i>Myotis leibii</i>	Eastern Small-footed Myotis	T / SOMC	G3 / S2	4	1	0	0	0
Edmonson	Mammals	<i>Myotis sodalis</i>	Indiana Bat	E / LE	G2 / S1S2	12	0	1	1	0
Edmonson	Mammals	<i>Nycticeius humeralis</i>	Evening Bat	S /	G5 / S3	4	3	0	0	0
Edmonson	Communities	<i>Acidic mesophytic forest</i>		/	GNR / S5	1	0	0	0	0
Edmonson	Communities	<i>Acidic sub-xeric forest</i>		/	GNR / S5	1	0	0	0	0
Edmonson	Communities	<i>Appalachian mesophytic forest</i>		/	GNR / S5	1	0	0	0	0
Edmonson County Total:						239	83	45	10	2